

Amendments to the Claims

Please cancel Claims 4, 5, and 7 without prejudice to or disclaimer of the subject matter recited therein.

Please amend Claims 1-3, 6 and 8-11 to read as follows.

1. (Currently amended) A data processing method for processing data to be supplied to an ink jet printing apparatus, wherein the ink jet printing apparatus can perform a marginless printing ~~that forms an image on a print medium up to the edges for printing without providing margin on an edge~~ of the print medium ~~by, according to print data, by~~ ejecting ink onto an area inside the ~~edges~~ edge of the print medium and onto an overrunning area outside the ~~edges~~ edge, the data processing method comprising steps of:

~~a waste ink volume obtaining step to obtain~~ obtaining a value equivalent to a waste ink volume associated with the marginless printing; and

~~a data sending step to send to the ink jet printing apparatus~~ sending data representing the obtained value ~~equivalent to a waste ink volume obtained by the waste ink volume obtaining step~~ to the ink jet printing apparatus,

wherein the value is obtained by counting a number of ink ejections to the overrunning area.

2. (Currently amended) A data processing method according to claim 1, wherein ~~the waste ink volume obtaining step obtains~~ the value ~~equivalent to a waste ink~~

~~volume associated with the marginless printing is obtained~~ for every page of the print medium or for every predetermined print area, and

~~the data sending step sends representing the obtained value is sent successively to the ink jet printing apparatus data representing the value equivalent to a waste ink volume determined by the waste ink volume determining step for every page of the print medium or for every predetermined print area apparatus.~~

3. (Currently amended) A data processing method according to claim 1, wherein the ~~waste ink volume obtaining step obtains the value equivalent to a~~ the waste ink volume associated with the marginless printing ~~for every predetermined print area and accumulates is obtained by accumulating the values equivalent to waste ink volumes obtained for individual respective predetermined print areas, and~~

~~the data sending step sends to the ink jet printing apparatus representing the accumulated value equivalent to waste ink volumes obtained by the waste ink volume obtaining step is sent to the ink jet printing apparatus.~~

Claims 4 and 5 (cancelled)

6. (Currently amended) A data processing apparatus for supplying data to an ink jet printing apparatus, wherein the ink jet printing apparatus can perform a marginless printing ~~that forms an image on a print medium up to the edges for printing without providing margin on an edge of the print medium by, according to print data, by~~

ejecting ink onto an area inside the ~~edges~~ edge of the print medium and onto an overrunning area outside the ~~edges~~ edge, the data processing apparatus comprising:

~~a waste ink volume obtaining means to obtain~~ for obtaining a value equivalent to a waste ink volume associated with the marginless printing; and

~~a data sending means to send to the ink jet printing apparatus~~ for sending data representing the value ~~equivalent to a waste ink volume~~ obtained by the ~~waste ink volume~~ said obtaining means to the ink jet printing apparatus,

wherein said obtaining means obtains the value by counting a number of ink droplets to be ejected onto the overrunning area.

Claim 7 (cancelled)

8. (Currently amended) A program for controlling an ink jet printing apparatus, wherein the ink jet printing apparatus can perform a marginless printing ~~that forms an image on a print medium up to the edges~~ for printing without providing margin on an edge of the print medium ~~by, according to print data, by ejecting ink over a range from onto~~ an area inside the ~~edges~~ edge of the print medium ~~to and onto~~ an overrunning area outside the ~~edges~~ edge, the program causing a computer to execute steps of:

~~a waste ink volume obtaining step to determine~~ obtaining a value equivalent to a waste ink volume associated with the marginless printing; and

~~a data sending step to send to the ink jet printing apparatus~~ sending data
representing the obtained value ~~equivalent to a waste ink volume obtained by the waste ink~~
~~volume obtaining step to the ink jet printing apparatus,~~

wherein the value is obtained by counting a number of ink ejections to the
overrunning area.

9. (Currently amended) An ink jet printing system having an ink jet
printing apparatus and a host for supplying print data to the ink jet printing apparatus,
wherein the ink jet printing apparatus can perform a marginless printing ~~that forms an~~
~~image on a print medium up to the edges~~ for printing without providing margin on an edge
of the print medium ~~by, according to print data, by ejecting ink over a range from onto~~ an
area inside the ~~edges~~ edge of the print medium ~~to and onto~~ an overrunning area outside the
~~edges~~ edge,

the host comprising:

a waste ink volume obtaining means for obtaining a value equivalent to a
waste ink volume associated with the marginless printing, the value being obtained by
counting a number of ink droplets to be ejected onto the overrunning area; and

a data sending means for sending ~~to the ink jet printing apparatus~~ data
representing the value ~~equivalent to a waste ink volume~~ obtained by the said waste ink
volume obtaining means to the ink jet printing apparatus;

the ink jet printing apparatus comprising:

an ink receiving member for receiving waste ink ejected onto the overrunning area ~~outside the edges of the print medium~~ during the marginless printing; and

an accumulated value memory means for cumulatively adding up the value ~~of data representing the values equivalent to waste ink volumes~~ sent from the host and storing an accumulated value equivalent to waste ink volumes ejected onto the ink receiving ~~member during the marginless printing~~ member.

10. (Currently amended) An ink jet printing system according to claim 9,

wherein the ink jet printing apparatus further comprises:

a decision means for checking whether the accumulated value stored in ~~the~~ said accumulated value memory means has exceeded a predetermined value; and

a sending means for sending warning data to the host when the accumulated value exceeds the predetermined value; and

wherein the host further comprises:

~~an~~ error display means for, according to the warning data sent from the ink jet printing apparatus, displaying on a screen an indication that the ink jet printing apparatus is in an error state.

11. (Currently amended) An ink jet printing system according to claim 10, wherein, in the error state in which the accumulated value exceeds the predetermined

value, at least one of the ink jet printing apparatus and the host performs at least one of a displaying of the error and a disabling of the operation of the ink jet printing apparatus.